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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/539,386	06/15/2005	Sebastiaan Antonius Fransiscus Van Den Heuvel	NL 021463	4692
24737	7590	03/30/2009		
PHILIPS INTELLECTUAL PROPERTY & STANDARDS			EXAMINER	
P.O. BOX 3001			GELAGAY, SHEWAYE	
BRIARCLIFF MANOR, NY 10510				
		ART UNIT	PAPER NUMBER	
		2437		
		MAIL DATE	DELIVERY MODE	
		03/30/2009	PAPER	

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

10/539,386

**Applicant(s)**

VAN DEN HEUVEL ET AL.

**Examiner**

SHEWAYE GELAGAY

**Art Unit**

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 1 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 15 June 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-11, 19, 22-29, 39, 41-43, 45, 47, 48, 50-59 and 63 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☐ Claim(s) \_\_\_\_\_ is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☒ Claim(s) 1-11, 19, 22-29, 39, 41-43, 45, 47-48, 50-59 and 63 are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

1. This Office Action is in response to Applicant's preliminary amendment filed on June 15, 2005.
2. Claims 1-11, 19, 22-29, 39, 41-43, 45, 47-48, 50-59 and 63 have been amended. Claims 12-18, 20-21, 30-38, 40, 44, 46, 49 and 60-62 have been cancelled. Claims 1-11, 19, 22-29, 39, 41-43, 45, 47-48, 50-59 and 63 are pending.

### ***Election/Restrictions***

3. Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Group I, claim(s) 1-11, 19, 22-29 and 59, drawn to processing a decryption unit for applying selectable one of plurality of different decryption algorithms to packets and an algorithm selection unit for reading algorithm selection information from the stream and controlling dynamically which decryption algorithm the decryption unit applies to respective ones of the packet from the stream.

Group II, claim(s) 39, 41-43, 45, 47-48, 55-58 and 63, drawn to selecting a subset of packet from a set of packets; decrypting the packets of the subset with a first decryption algorithm; encrypting the packets of the subset with a form of encryption that requires a second decryption algorithm; and dynamically encoding selection information that indicates which of the first algorithm and at least the second decryption algorithm should be used for which of the packets and outputting encrypted packets from the stream input that are not contained in the first subset in combination with the packets from the subset that have been encrypted.

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Group III, claim(s) 50-54, drawn to supplying a first and second control words for decrypting first and second packets, periodically replacing the first control word using information from the stream while keeping the second control word unchanged during successive changes of the first control word.

4. The inventions listed as Groups I, II and III do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: Group I is drawn to processing a decryption unit for applying selectable one of plurality of different decryption algorithms to packets and an algorithm selection unit for reading algorithm selection information from the stream and controlling dynamically which decryption algorithm the decryption unit applies to respective ones of the packet from the stream. Group II is drawn to selecting a subset of packet from a set of packets; decrypting the packets of the subset with a first decryption algorithm; encrypting the packets of the subset with a form of encryption that requires a second decryption algorithm; and dynamically encoding selection information that indicates which of the first algorithm and at least the second decryption algorithm should be used for which of the packets and outputting encrypted packets from the stream input that are not contained in the first subset in combination with the packets from the subset that have been encrypted. And Group III is drawn to supplying a first and second control words for decrypting first and second packets, periodically replacing the first control word using information from the stream while keeping the second control word unchanged during successive changes of the first control word. In this case Group II has special technical feature such as decrypting and re-encrypting the

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packets of the subset while Group III has special technical feature such as supplying first and second control words for decrypting first and second packets and periodically replacing the first control word using information from the stream while keeping the second control word unchanged.

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or invention to be examined even though the requirement may be traversed (37 CFR 1.143) and (ii) identification of the claims encompassing the elected invention.

The election of an invention or species may be made with or without traverse. To preserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the restriction requirement, the election shall be treated as an election without traverse.

Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a request under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(i).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SHEWAYE GELAGAY whose telephone number is (571)272-4219. The examiner can normally be reached on 8:00 am to 5:30 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Emmanuel Moise can be reached on 571-272-3865. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/S. G./  
Examiner, Art Unit 2437

/Matthew B Smithers/  
Primary Examiner, Art Unit 2437